BRUHATH BANGALORE MAHANAGARA PALIKE,
DASARAHALLI ZONE
Office of the Executive Engineer Dasarahalli Division

Schedule - B

BBMP/2020-21/OW/WORK_INDENT43855/CALL-2

NAME OF WORK:Improvements and re asphalting pipeline S M road to S ramesh road in Dasarahalli ward no 15

Sl. No	Description of work	Unit	Qty	Rates Quoted by Contractor Sri SIDDAPPA (SRUSTI CONSTRUCTIONS)	
				In Figures (Rs.)	In Words (Rs.)
1	2	3	4	5	6
1	Removing and refixing stone slabs of drains and pointing in CM (1:3)	sqm	346.50	121.32	Rupees One Hundred Twenty One and Thirty Two Paise Only
2	Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto .imeters and an average lift upto 0.5 m, exf-avated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as perspecifications.	Cum	529.38	145.58	Rupees One Hundred Forty Five and Fifty Eight Paise Only
3	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications	Cum	82.50	6264.58	Rupees Six Thousand Two Hundred Sixty Four and Fifty Eight Paise Only
4	Providing and fixing RCC precast Slabs of 0.10 m thick of CC M20 with 20 mm and down size graded granite metal , machine mixed , including cost of all material , labour , HOM of Machinery , curing complete	sqm	148.50	1760.35	Rupees One Thousand Seven Hundred Sixty and Thirty Five Paise Only

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				In Figures (Rs.)	In Words (Rs.)
5	Providing and fixing Pre cast solid concrete kerb stones made out of No.272.21 CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc. complete -do- of size 450x200x400 mm	No	1130.00	493.64	Rupees Four Hundred Ninety Three and Sixty Four Paise Only
6	Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications	sqm	385.00	44.77	Rupees Forty Four and Seventy Seven Paise Only
7	Providing and applying spray painting in two coats (excluding priming coat) over concrete / masonry / asbestos cement sheet / plastered surfaces with flat wall paint of approved brand to give even shade after cleaning the surface of all dirt, dust and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications.	Sqm	385.00	102.84	Rupees One Hundred Two and Eighty Four Paise Only
8	Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification	Cum	165.00	2181.39	Rupees Two Thousand One Hundred Eighty .One and Thirty Nine Paise Only
9	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. MORTH Specification	sqm	1100.00	28.88	Rupees Twenty Eight and Eighty Eight Paise Only

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				In Figures (Rs.)	In Words (Rs.)
10	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications.. MORTH Specification No. 507 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen.	Cum	71.50	6242.62	Rupees Six Thousand Two Hundred Forty Two and Sixty Two Paise Only
11	Providing and applying tack coat using 80/100 grade bitumen(VG10) in boiler fitted with spray set distributor at the rate of 0.20 kg per sqm on the existing prepared bituminous surface cleaned with mchancial broom. complete as per specifications. - using bitumen 80/100 on primed surfaces	sqm	4125.00	11.55	Rupees Eleven and Fifty Five Paise Only
12	Providing and laying Bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V Revision as per IRC SP-53-2015 using 40-60 TPH capacity HMP with mechanical paver grading II Cum (30-45mm) with 5.4 % of modified bituminous binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic)	Cum	165.00	7370.29	Rupees Seven Thousand Three Hundred Seventy and Twenty Nine Paise Only

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				In Figures (Rs.)	In Words (Rs.)
13	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications	sqm	110.00	495.66	Rupees Four Hundred Ninety Five and Sixty Six Paise Only
14	Loading and unloading of stone boulder/stone aggregates/sand/.kanker/moorum. KSRRB M100-1:Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specification MORTH Chapter 1	Cum	418.00	134.94	Rupees One Hundred Thirty Four and Ninety Four Paise Only

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